

Tree Matrix Report - Ladybug Unit

*** NOTE *** INPUT IS:

MATRIX = ' '

MSG = 'Summary of All Plots'

TITLE = 'Tree Matrix Report - Ladybug Unit'

XAXIS = 'DBH GROUP '

YAXIS = 'SPECIES '

ZAXIS = 'SOFT-HARD '

TREES = 'BOTH '

MINDBH = 0.00000

PLACES = '3'

PERCNT = 'OFF'

INPUT = 'C:\FIAS_data\grove_inventory\Case Mt\Ladybug Unit\ladybug.txpc'

OUTPUT = 'C:\FIAS_data\grove_inventory\Case Mt\Ladybug Unit\ladybug.mat.trpt'

FACTOR = 1.000000

TYPE = PLOT

OPTION = V P

DEFECT = ON

INDS = I

SPECIE = ALL

CELLS(7)= 'AGEBAR','BAG-10','BA/A ','NT/A ','HEIGHT','SEED/A','SUMBAF',' '

GRAPH =

LIMITS = 0.000

AREA = 0.00

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pg 1

OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS SUMBAF = (TOTAL SUM SQUARE FEET ALL TREES)

SEEDLINGS PER ACRE =	642.857	BASAL AREA PER ACRE =	GROSS 143.664	GROWING 124.614
PERCENT GREATER THAN OR EQUAL TO 100 =	71.43%	PERCENT GREATER THAN OR EQUAL TO 50 =	85.71%	71.43%
PERCENT GREATER THAN OR EQUAL TO 200 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 100 =	57.14%	42.86%
PERCENT GREATER THAN OR EQUAL TO 400 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 150 =	42.86%	42.86%
PERCENT GREATER THAN OR EQUAL TO 600 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 200 =	14.29%	14.29%
PERCENT GREATER THAN OR EQUAL TO 800 =	28.57%	PERCENT GREATER THAN OR EQUAL TO 250 =	14.29%	14.29%
		PERCENT GREATER THAN OR EQUAL TO 300 =	14.29%	14.29%
		PERCENT GREATER THAN OR EQUAL TO 400 =	0.00%	0.00%

DBH GROUPS:

	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
<i>SPECIES</i>										
GS	5.000	2.180	7.180	3.140	45.590	0.000	40.000	200.640	289.370	296.550
SP	0.000	8.720	8.720	46.280	0.000	0.000	0.000	0.000	46.280	55.000
WF	5.000	4.360	9.360	49.420	52.660	185.140	80.000	0.000	367.220	376.580
IC	0.000	40.000	40.000	40.000	45.590	0.000	0.000	151.930	237.520	277.520
TOTAL	10.000	55.260	65.260	138.840	143.840	185.140	120.000	352.570	940.390	1005.650

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS HEIGHT = (AVERAGE HEIGHT IN FEET)

SEEDLINGS PER ACRE = 642.857		BASAL AREA PER ACRE =		GROSS 143.664	GROWING 124.614
PERCENT GREATER THAN OR EQUAL TO 100 =	71.43%	PERCENT GREATER THAN OR EQUAL TO 50 =	85.71%	71.43%	
PERCENT GREATER THAN OR EQUAL TO 200 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 100 =	57.14%	42.86%	
PERCENT GREATER THAN OR EQUAL TO 400 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 150 =	42.86%	42.86%	
PERCENT GREATER THAN OR EQUAL TO 600 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 200 =	14.29%	14.29%	
PERCENT GREATER THAN OR EQUAL TO 800 =	28.57%	PERCENT GREATER THAN OR EQUAL TO 250 =	14.29%	14.29%	
		PERCENT GREATER THAN OR EQUAL TO 300 =	14.29%	14.29%	
		PERCENT GREATER THAN OR EQUAL TO 400 =	0.00%	0.00%	

DBH GROUPS:

	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
<i>SPECIES</i>										
GS	15.000	20.000	16.518	50.000	82.812	0.000	115.000	232.000	190.348	186.139
SP	0.000	42.500	42.500	67.965	0.000	0.000	0.000	0.000	67.965	63.927
WF	32.000	10.000	21.752	64.516	82.516	94.569	127.000	0.000	95.861	94.019
IC	0.000	42.000	42.000	59.000	65.264	0.000	0.000	130.247	105.775	96.583
TOTAL	23.500	38.686	36.359	63.748	77.142	94.569	123.000	188.152	126.067	120.246

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS AGEBAR = (BASAL AREA WEIGHTED AGE ... AVERAGE YEARS)

SEEDLINGS PER ACRE = 642.857	BASAL AREA PER ACRE =	GROSS 143.664	GROWING 124.614
PERCENT GREATER THAN OR EQUAL TO 100 = 71.43%	PERCENT GREATER THAN OR EQUAL TO 50 =	85.71%	71.43%
PERCENT GREATER THAN OR EQUAL TO 200 = 57.14%	PERCENT GREATER THAN OR EQUAL TO 100 =	57.14%	42.86%
PERCENT GREATER THAN OR EQUAL TO 400 = 57.14%	PERCENT GREATER THAN OR EQUAL TO 150 =	42.86%	42.86%
PERCENT GREATER THAN OR EQUAL TO 600 = 57.14%	PERCENT GREATER THAN OR EQUAL TO 200 =	14.29%	14.29%
PERCENT GREATER THAN OR EQUAL TO 800 = 28.57%	PERCENT GREATER THAN OR EQUAL TO 250 =	14.29%	14.29%
	PERCENT GREATER THAN OR EQUAL TO 300 =	14.29%	14.29%
	PERCENT GREATER THAN OR EQUAL TO 400 =	0.00%	0.00%

DBH GROUPS:

SPECIES	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
GS	35.000	0.000	35.000	0.000	85.000	0.000	94.000	0.000	89.500	86.294
SP	0.000	0.000	0.000	58.000	0.000	0.000	0.000	0.000	58.000	58.000
WF	0.000	0.000	0.000	0.000	0.000	125.500	0.000	0.000	125.500	125.500
IC	0.000	40.000	40.000	25.000	79.000	0.000	0.000	0.000	52.000	48.000
TOTAL	35.000	40.000	39.444	41.500	82.000	125.500	94.000	0.000	93.667	87.642

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS BA/A = (SQUARE FEET PER ACRE)

SEEDLINGS PER ACRE = 642.857		BASAL AREA PER ACRE = 143.664		GROSS	GROWING
				143.664	124.614
PERCENT GREATER THAN OR EQUAL TO 100 =	71.43%	PERCENT GREATER THAN OR EQUAL TO 50 =	85.71%		71.43%
PERCENT GREATER THAN OR EQUAL TO 200 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 100 =	57.14%		42.86%
PERCENT GREATER THAN OR EQUAL TO 400 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 150 =	42.86%		42.86%
PERCENT GREATER THAN OR EQUAL TO 600 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 200 =	14.29%		14.29%
PERCENT GREATER THAN OR EQUAL TO 800 =	28.57%	PERCENT GREATER THAN OR EQUAL TO 250 =	14.29%		14.29%
		PERCENT GREATER THAN OR EQUAL TO 300 =	14.29%		14.29%
		PERCENT GREATER THAN OR EQUAL TO 400 =	0.00%		0.00%

DBH GROUPS:

	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
<i>SPECIES</i>										
GS	0.714	0.311	1.026	0.449	6.513	0.000	5.714	28.663	41.339	42.364
SP	0.000	1.246	1.246	6.611	0.000	0.000	0.000	0.000	6.611	7.857
WF	0.714	0.623	1.337	7.060	7.523	26.449	11.429	0.000	52.460	53.797
IC	0.000	5.714	5.714	5.714	6.513	0.000	0.000	21.704	33.931	39.646
TOTAL	1.429	7.894	9.323	19.834	20.549	26.449	17.143	50.367	134.341	143.664

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS NT/A = (NUMBER OF TREES PER ACRE)

SEEDLINGS PER ACRE = 642.857		BASAL AREA PER ACRE =		GROSS 143.664	GROWING 124.614
PERCENT GREATER THAN OR EQUAL TO 100 =	71.43%	PERCENT GREATER THAN OR EQUAL TO 50 =	85.71%	71.43%	
PERCENT GREATER THAN OR EQUAL TO 200 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 100 =	57.14%	42.86%	
PERCENT GREATER THAN OR EQUAL TO 400 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 150 =	42.86%	42.86%	
PERCENT GREATER THAN OR EQUAL TO 600 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 200 =	14.29%	14.29%	
PERCENT GREATER THAN OR EQUAL TO 800 =	28.57%	PERCENT GREATER THAN OR EQUAL TO 250 =	14.29%	14.29%	
		PERCENT GREATER THAN OR EQUAL TO 300 =	14.29%	14.29%	
		PERCENT GREATER THAN OR EQUAL TO 400 =	0.00%	0.00%	

DBH GROUPS:

	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
<i>SPECIES</i>										
GS	10.106	0.571	10.677	0.571	3.114	0.000	1.211	0.571	5.469	16.146
SP	0.000	2.286	2.286	8.541	0.000	0.000	0.000	0.000	8.541	10.827
WF	8.610	1.143	9.753	7.637	3.710	8.567	2.037	0.000	21.951	31.704
IC	0.000	10.909	10.909	5.346	4.113	0.000	0.000	1.714	11.173	22.081
TOTAL	18.716	14.909	33.624	22.096	10.937	8.567	3.249	2.286	47.134	80.759

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OUTPUT FROM ALL TREES FOR *SOFTWOODS* FOR ALL POINTS

EACH CELL CONTAINS BAG-10 = (10 YEAR GROWTH SQUARE FEET PER ACRE)

SEEDLINGS PER ACRE = 642.857		BASAL AREA PER ACRE =		GROSS 143.664	GROWING 124.614
PERCENT GREATER THAN OR EQUAL TO 100 =	71.43%	PERCENT GREATER THAN OR EQUAL TO 50 =	85.71%	71.43%	
PERCENT GREATER THAN OR EQUAL TO 200 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 100 =	57.14%	42.86%	
PERCENT GREATER THAN OR EQUAL TO 400 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 150 =	42.86%	42.86%	
PERCENT GREATER THAN OR EQUAL TO 600 =	57.14%	PERCENT GREATER THAN OR EQUAL TO 200 =	14.29%	14.29%	
PERCENT GREATER THAN OR EQUAL TO 800 =	28.57%	PERCENT GREATER THAN OR EQUAL TO 250 =	14.29%	14.29%	
		PERCENT GREATER THAN OR EQUAL TO 300 =	14.29%	14.29%	
		PERCENT GREATER THAN OR EQUAL TO 400 =	0.00%	0.00%	

DBH GROUPS:

	1-4	5-10	SUBTOTAL	11-14	15-20	21-28	29-38	39 +	SUBTOTAL	TOTAL
<i>SPECIES</i>										
GS	0.609	0.000	0.609	0.000	1.751	0.000	3.587	0.000	5.339	5.947
SP	0.000	0.000	0.000	4.607	0.000	0.000	0.000	0.000	4.607	4.607
WF	0.000	0.000	0.000	0.000	0.000	10.943	0.000	0.000	10.943	10.943
IC	0.000	3.414	3.414	6.050	3.793	0.000	0.000	0.000	9.843	13.257
TOTAL	0.609	3.414	4.023	10.657	5.544	10.943	3.587	0.000	30.731	34.754

